

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060322\
 Data File : BF128689.D
 Acq On : 03 Jun 2022 20:09
 Operator : CG\JU
 Sample : N3068-01 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WATER-DRUMRE

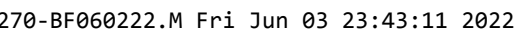
Quant Time: Jun 03 23:43:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 17:07:23 2022
 Response via : Initial Calibration

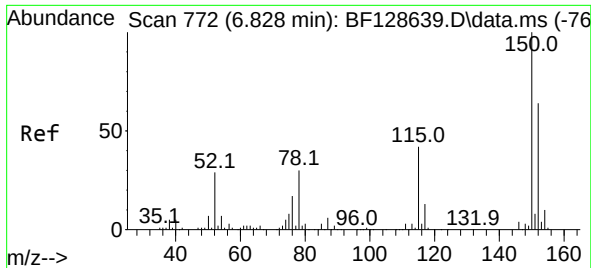
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	86818	20.000	ng	0.02
21) Naphthalene-d8	8.122	136	305509	20.000	ng	# 0.01
39) Acenaphthene-d10	9.869	164	143750	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	235025	20.000	ng	0.00
76) Chrysene-d12	14.004	240	205709	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	158028	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.663	112	863	0.158	ng	0.19
7) Phenol-d6	6.575	99	45709	6.870	ng	0.08
23) Nitrobenzene-d5	7.416	82	100862	15.371	ng	0.02
42) 2,4,6-Tribromophenol	10.663	330	24644	14.509	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	193180	18.825	ng	0.00
79) Terphenyl-d14	12.951	244	169175	14.290	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.586	94	16978	2.414	ng	# 67
11) bis(2-Chloroethyl)ether	6.592	93	12319	2.390	ng	# 29
15) Benzyl Alcohol	7.057	79	2551259	458.301	ng	94
17) 2-Methylphenol	7.063	107	1207133	273.855	ng	# 7
19) n-Nitroso-di-n-propyla...	7.281	70	191649	46.328	ng	# 76
20) 3+4-Methylphenols	7.063	107	1204075	204.608	ng	# 6
22) Acetophenone	7.263	105	21720	2.718	ng	# 1
24) Nitrobenzene	7.269	77	37463	6.219	ng	# 1
25) Isophorone	7.416	82	100862	10.121	ng	# 66
27) 2,4-Dimethylphenol	7.628	122	550042	136.041	ng	# 4
28) bis(2-Chloroethoxy)met...	7.622	93	111039	17.625	ng	# 36
48) 2-Nitroaniline	9.392	65	13735	4.880	ng	# 13
56) 4-Nitrophenol	10.127	139	992965	649.926	ng	# 9
62) 4-Nitroaniline	10.351	138	338293	158.523	ng	# 22
69) Atrazine	11.133	200	21723	9.351	ng	# 46
77) Benzidine	12.768	184	20152	4.914	ng	# 1

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Jun 03 23:43:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 02 17:07:23 2022
Response via : Initial Calibration

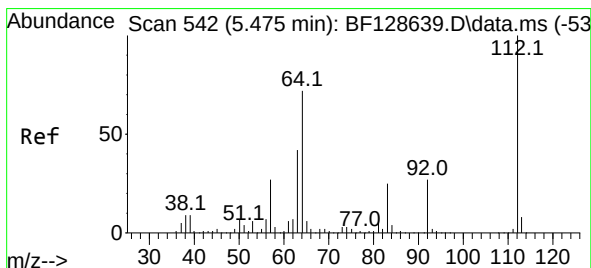
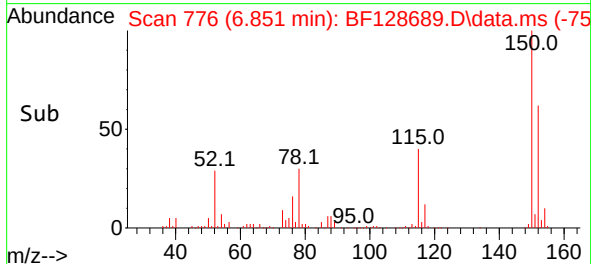
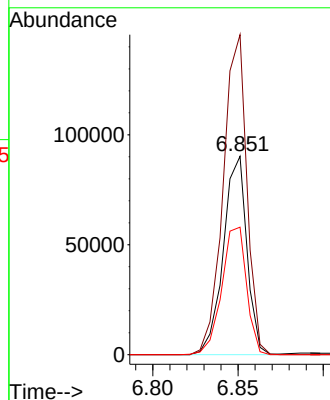
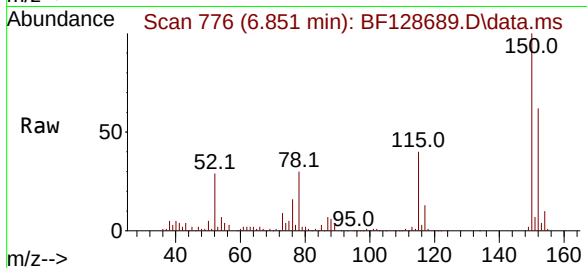




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 71
Delta R.T. 0.023 min
Lab File: BF128689.D
Acq: 03 Jun 2022 20:09

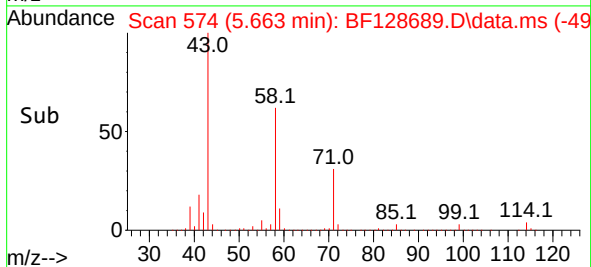
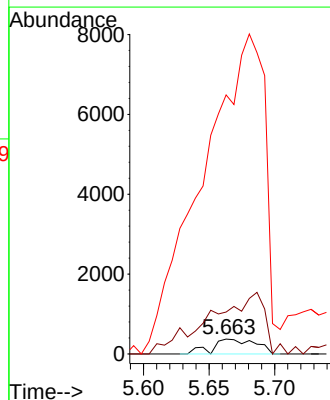
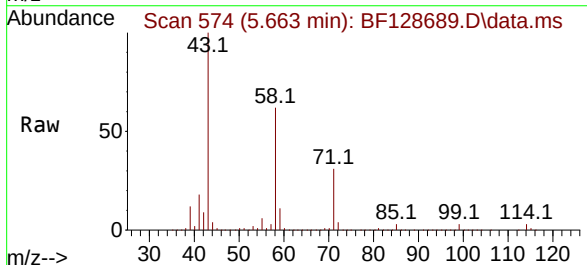
Instrument :
BNA_F
ClientSampleId :
WATER-DRUMRE

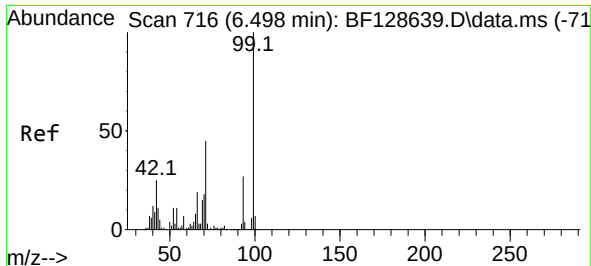
Tgt Ion:152 Resp: 86818
Ion Ratio Lower Upper
152 100
150 161.3 123.7 185.5
115 64.2 49.9 74.9



#5
2-Fluorophenol
Concen: 0.158 ng
RT: 5.663 min Scan# 574
Delta R.T. 0.188 min
Lab File: BF128689.D
Acq: 03 Jun 2022 20:09

Tgt Ion:112 Resp: 863
Ion Ratio Lower Upper
112 100
64 280.7 53.3 79.9#
63 1734.2 28.0 42.0#

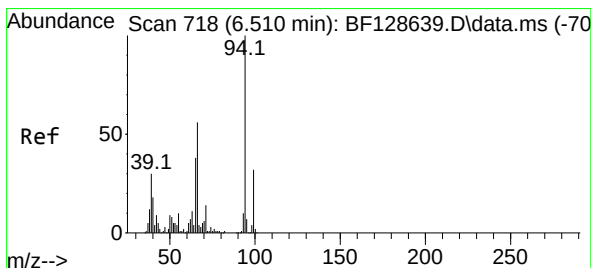
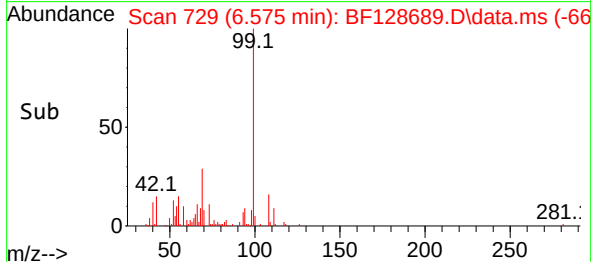
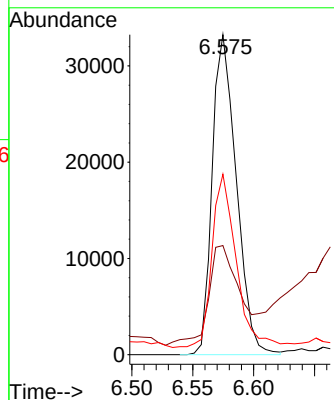
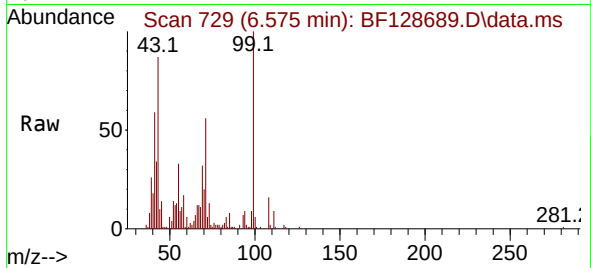




#7
Phenol-d6
Concen: 6.870 ng
RT: 6.575 min Scan# 716
Delta R.T. 0.077 min
Lab File: BF128689.D
Acq: 03 Jun 2022 20:09

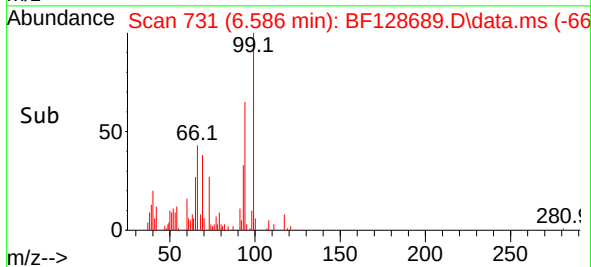
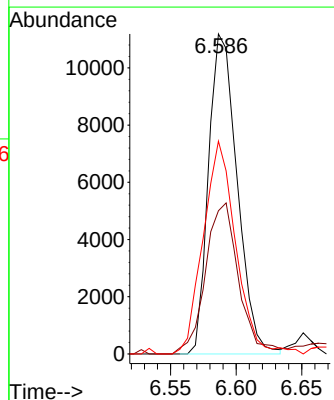
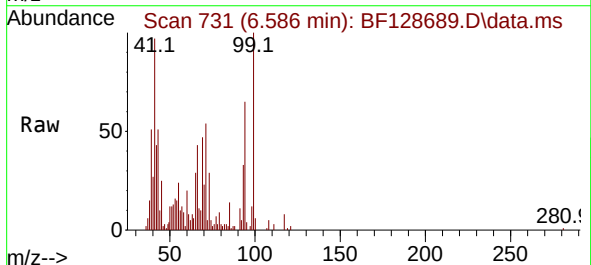
Instrument :
BNA_F
ClientSampleId :
WATER-DRUMRE

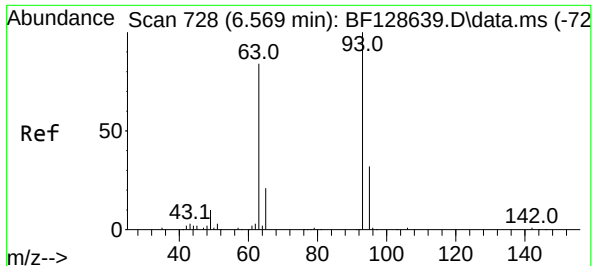
Tgt Ion: 99 Resp: 45709
Ion Ratio Lower Upper
99 100
42 34.1 17.3 25.9#
71 56.4 28.9 43.3#



#10
Phenol
Concen: 2.414 ng
RT: 6.586 min Scan# 731
Delta R.T. 0.076 min
Lab File: BF128689.D
Acq: 03 Jun 2022 20:09

Tgt Ion: 94 Resp: 16978
Ion Ratio Lower Upper
94 100
65 44.8 11.4 51.4
66 66.5 21.4 61.4#

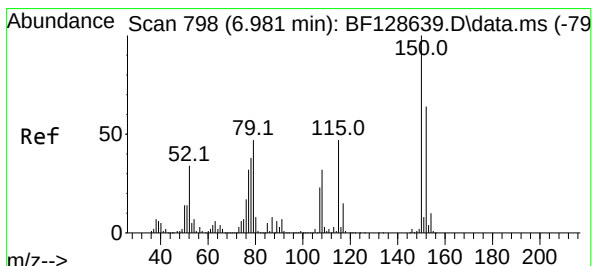
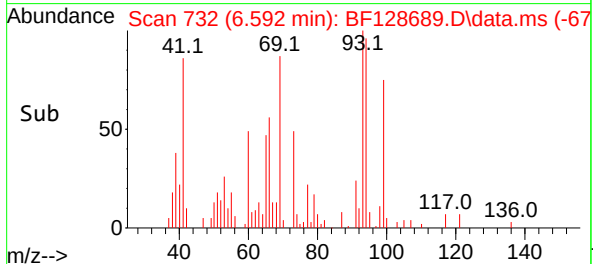
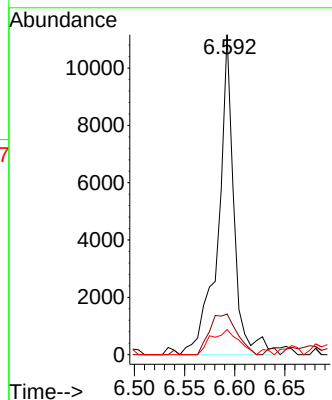
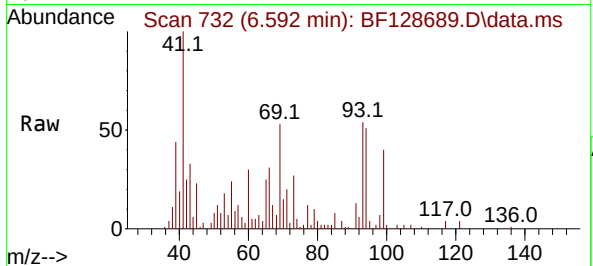




#11
bis(2-Chloroethyl)ether
Concen: 2.390 ng
RT: 6.592 min Scan# 711
Delta R.T. 0.023 min
Lab File: BF128689.D
Acq: 03 Jun 2022 20:09

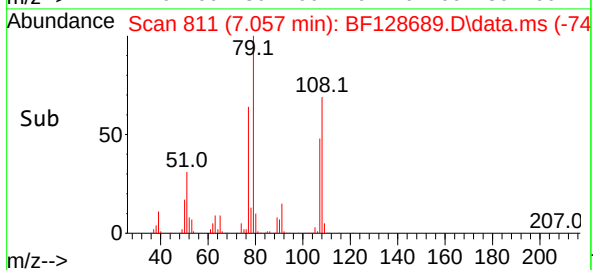
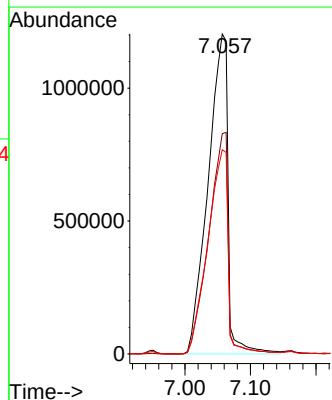
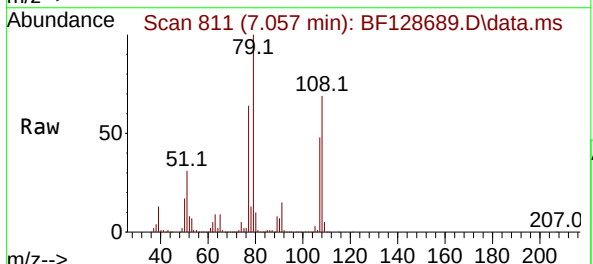
Instrument :
BNA_F
ClientSampleId :
WATER-DRUMRE

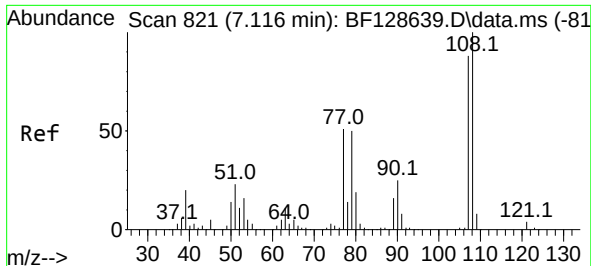
Tgt Ion: 93 Resp: 12319
Ion Ratio Lower Upper
93 100
63 12.7 67.4 107.4#
95 7.8 12.7 52.7#



#15
Benzyl Alcohol
Concen: 458.301 ng
RT: 7.057 min Scan# 811
Delta R.T. 0.076 min
Lab File: BF128689.D
Acq: 03 Jun 2022 20:09

Tgt Ion: 79 Resp: 2551259
Ion Ratio Lower Upper
79 100
108 68.9 61.8 92.6
77 63.8 50.2 75.4

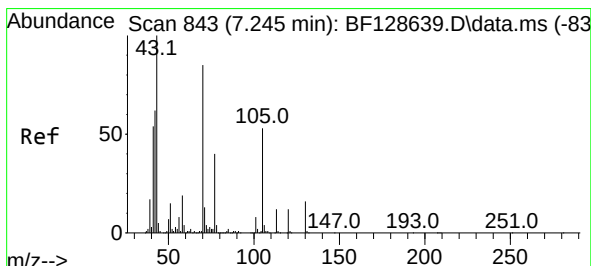
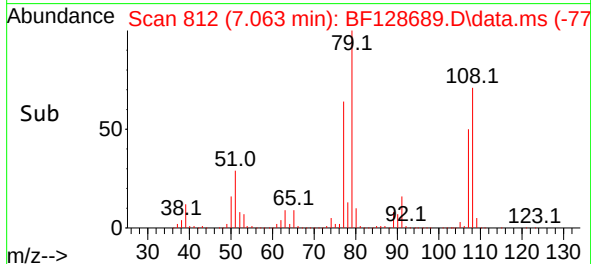
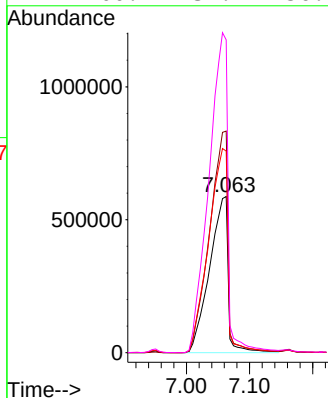
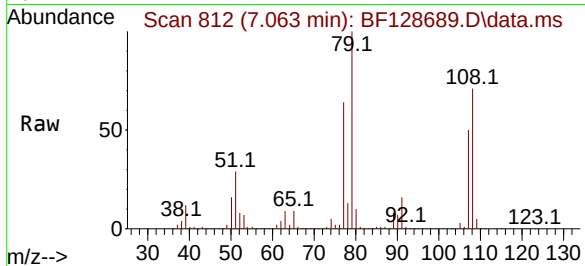




#17
2-Methylphenol
Concen: 273.855 ng
RT: 7.063 min Scan# 81
Delta R.T. -0.053 min
Lab File: BF128689.D
Acq: 03 Jun 2022 20:09

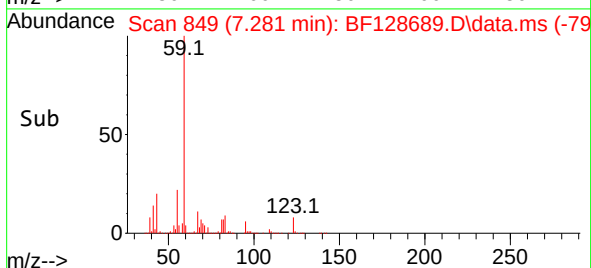
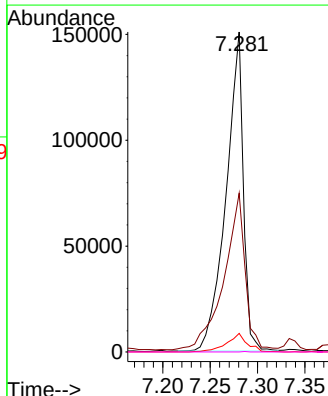
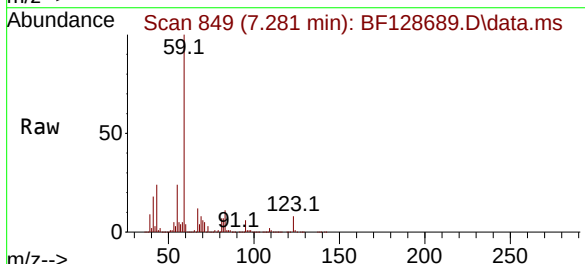
Instrument :
BNA_F
ClientSampleId :
WATER-DRUMRE

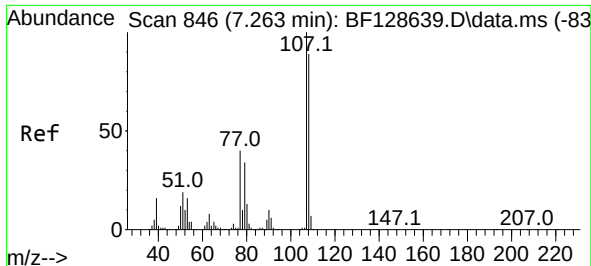
Tgt Ion:107 Resp: 1207133
Ion Ratio Lower Upper
107 100
108 142.0 91.9 137.9#
77 129.2 37.8 56.8#
79 200.4 37.4 56.0#



#19
n-Nitroso-di-n-propylamine
Concen: 46.328 ng
RT: 7.281 min Scan# 849
Delta R.T. 0.035 min
Lab File: BF128689.D
Acq: 03 Jun 2022 20:09

Tgt Ion: 70 Resp: 191649
Ion Ratio Lower Upper
70 100
42 49.6 52.3 78.5#
101 5.8 7.5 11.3#
130 0.0 16.1 24.1#





#20

3+4-Methylphenols

Concen: 204.608 ng

RT: 7.063 min Scan# 81

Delta R.T. -0.200 min

Lab File: BF128689.D

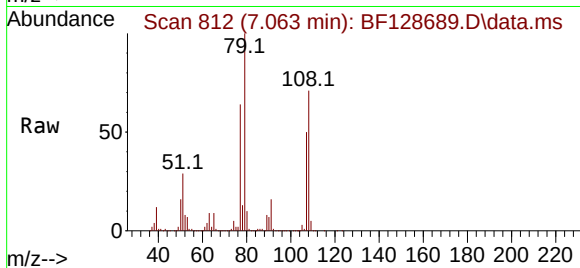
Acq: 03 Jun 2022 20:09

Instrument :

BNA_F

ClientSampleId :

WATER-DRUMRE



Tgt Ion:107 Resp: 1204075

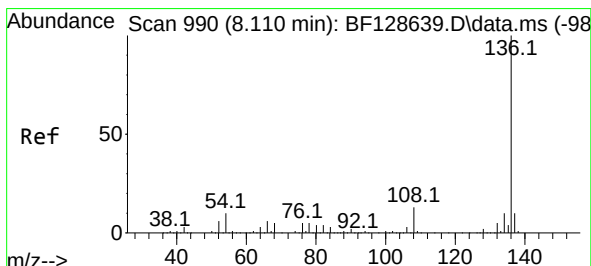
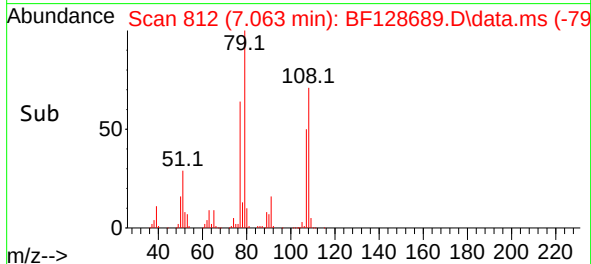
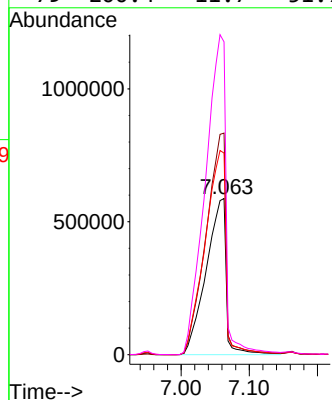
Ion Ratio Lower Upper

107 100

108 142.0 71.8 111.8#

77 129.2 59.3 99.3#

79 200.4 11.7 51.7#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.122 min Scan# 992

Delta R.T. 0.012 min

Lab File: BF128689.D

Acq: 03 Jun 2022 20:09

Tgt Ion:136 Resp: 305509

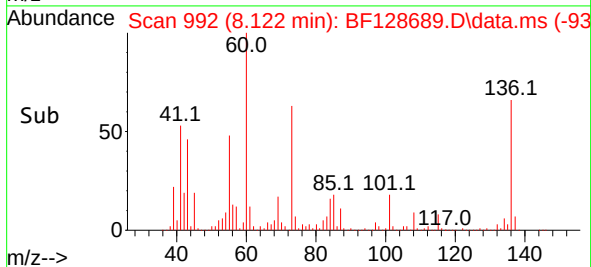
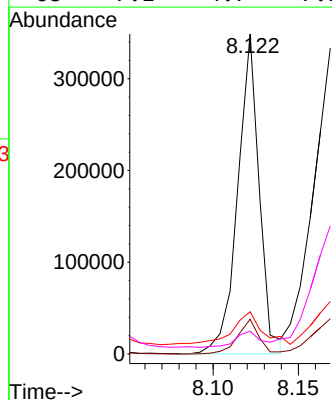
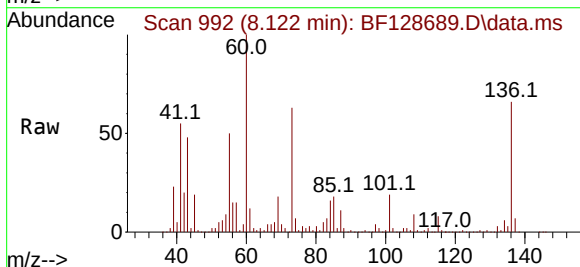
Ion Ratio Lower Upper

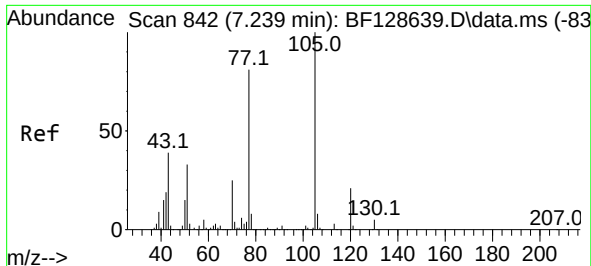
136 100

137 10.9 8.8 13.2

54 13.2 7.5 11.3#

68 7.1 4.7 7.1#

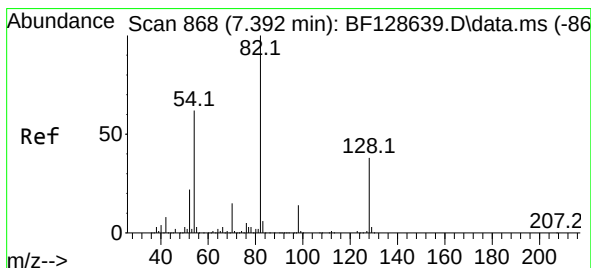
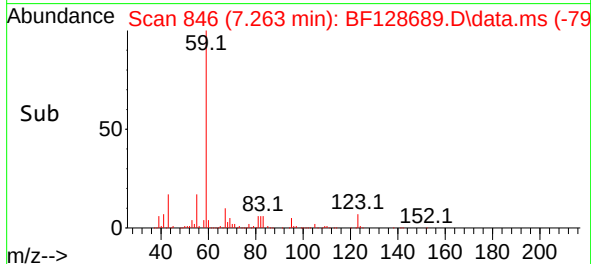
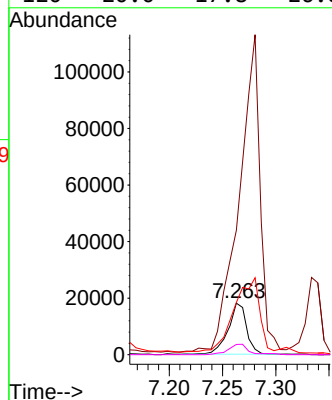
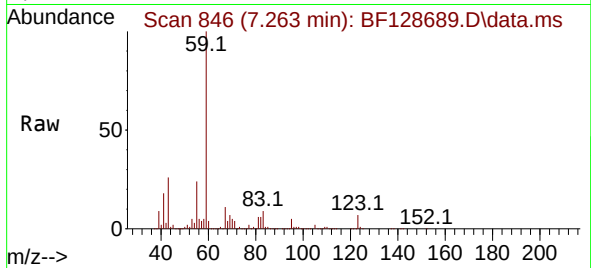




#22
Acetophenone
Concen: 2.718 ng
RT: 7.263 min Scan# 842
Delta R.T. 0.024 min
Lab File: BF128689.D
Acq: 03 Jun 2022 20:09

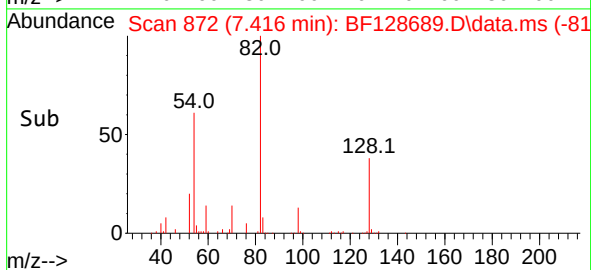
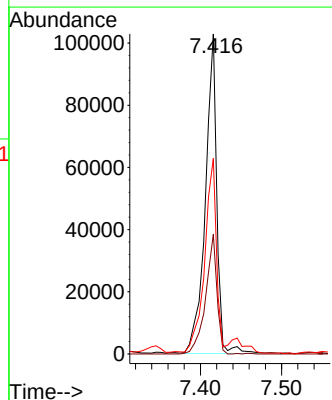
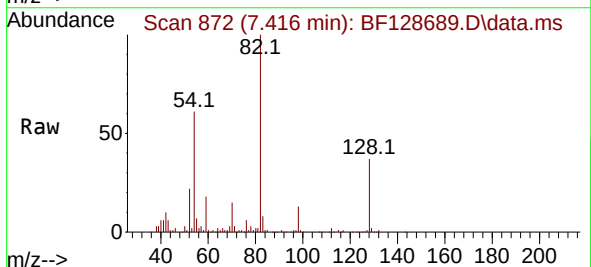
Instrument :
BNA_F
ClientSampleId :
WATER-DRUMRE

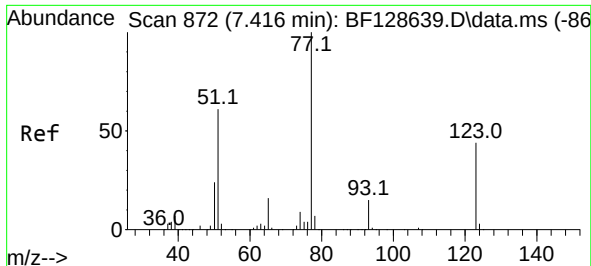
Tgt Ion:105 Resp: 21720
Ion Ratio Lower Upper
105 100
71 241.1 5.0 7.4#
51 101.2 25.0 37.4#
120 20.0 17.8 26.8



#23
Nitrobenzene-d5
Concen: 15.371 ng
RT: 7.416 min Scan# 872
Delta R.T. 0.024 min
Lab File: BF128689.D
Acq: 03 Jun 2022 20:09

Tgt Ion: 82 Resp: 100862
Ion Ratio Lower Upper
82 100
128 37.4 34.0 51.0
54 61.1 46.9 70.3

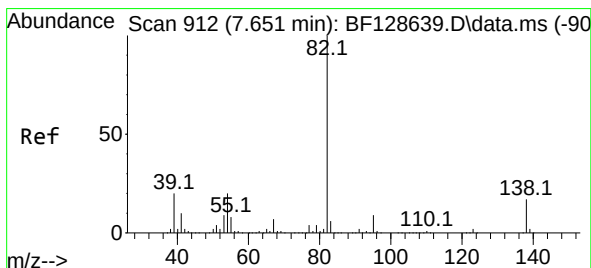
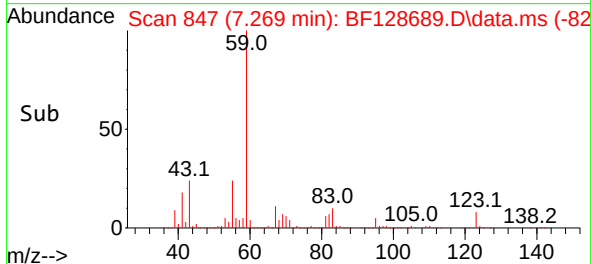
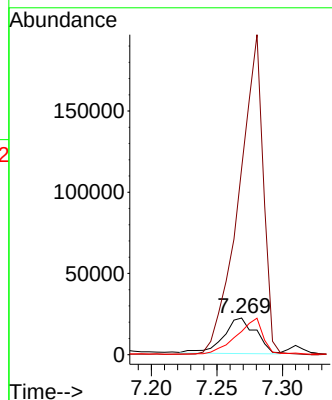
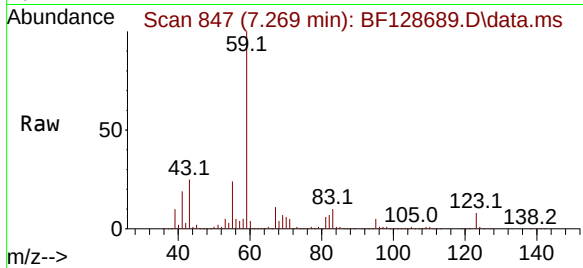




#24
Nitrobenzene
Concen: 6.219 ng
RT: 7.269 min Scan# 84
Delta R.T. -0.147 min
Lab File: BF128689.D
Acq: 03 Jun 2022 20:09

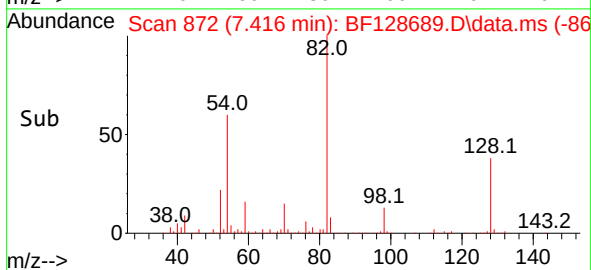
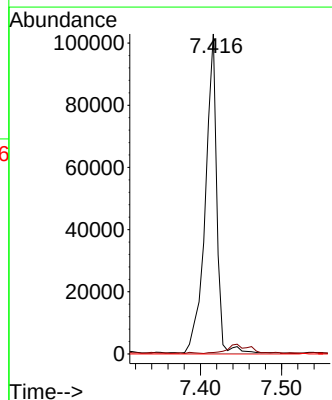
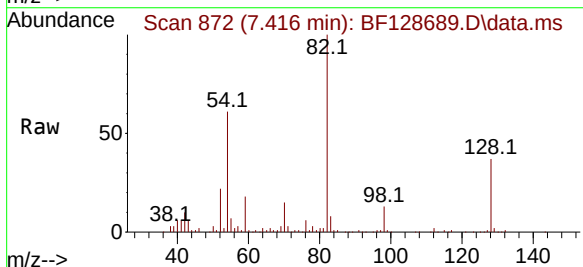
Instrument :
BNA_F
ClientSampleId :
WATER-DRUMRE

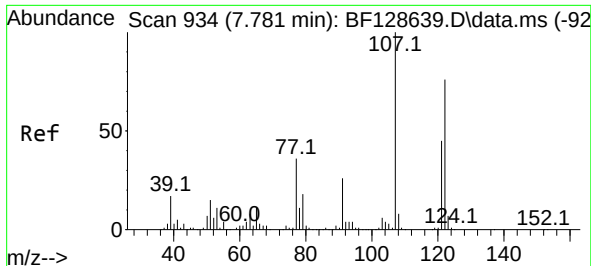
Tgt Ion: 77 Resp: 37463
Ion Ratio Lower Upper
77 100
123 509.2 35.4 53.2#
65 63.5 11.8 17.8#



#25
Isophorone
Concen: 10.121 ng
RT: 7.416 min Scan# 872
Delta R.T. -0.235 min
Lab File: BF128689.D
Acq: 03 Jun 2022 20:09

Tgt Ion: 82 Resp: 100862
Ion Ratio Lower Upper
82 100
95 0.5 5.7 8.5#
138 0.0 14.2 21.2#





#27

2,4-Dimethylphenol

Concen: 136.041 ng

RT: 7.628 min Scan# 907

Delta R.T. -0.153 min

Lab File: BF128689.D

Acq: 03 Jun 2022 20:09

Instrument :

BNA_F

ClientSampleId :

WATER-DRUMRE

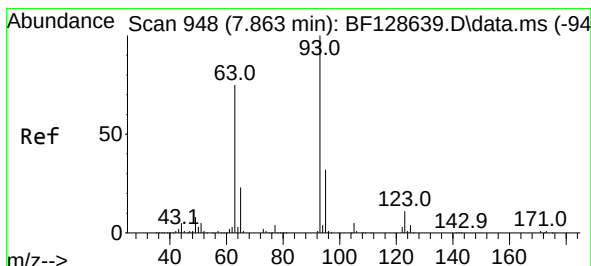
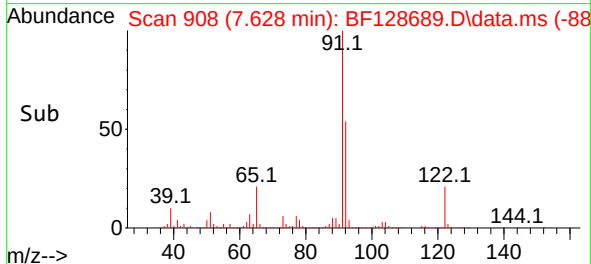
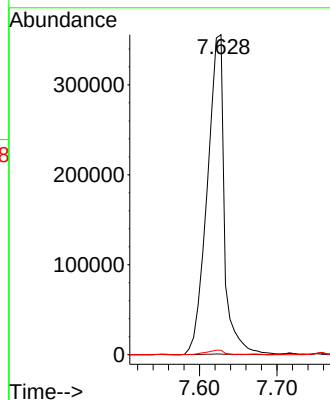
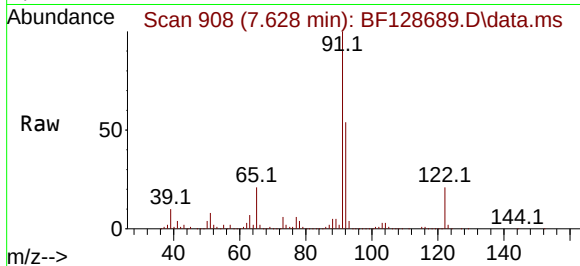
Tgt Ion:122 Resp: 550042

Ion Ratio Lower Upper

122 100

107 0.2 93.0 139.6#

121 1.4 46.6 70.0#



#28

bis(2-Chloroethoxy)methane

Concen: 17.625 ng

RT: 7.622 min Scan# 907

Delta R.T. -0.241 min

Lab File: BF128689.D

Acq: 03 Jun 2022 20:09

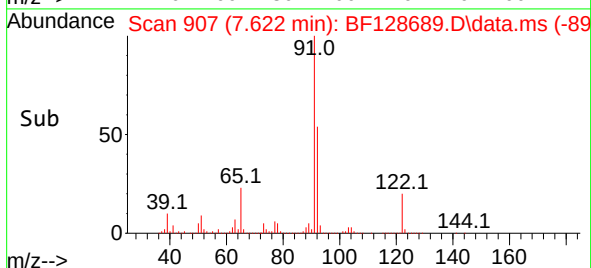
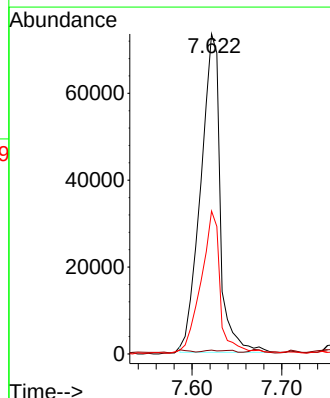
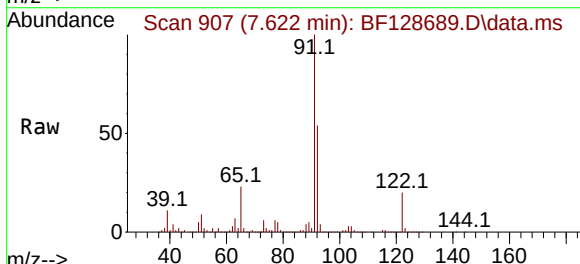
Tgt Ion: 93 Resp: 111039

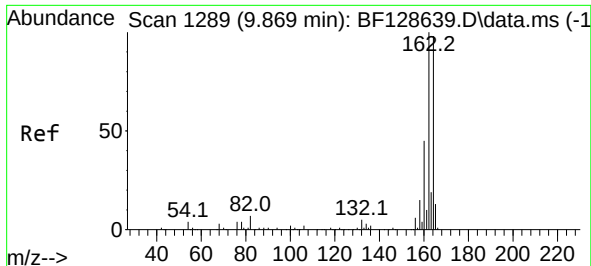
Ion Ratio Lower Upper

93 100

95 1.2 26.8 40.2#

123 44.6 9.2 13.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF128689.D

Acq: 03 Jun 2022 20:09

Instrument :

BNA_F

ClientSampleId :

WATER-DRUMRE

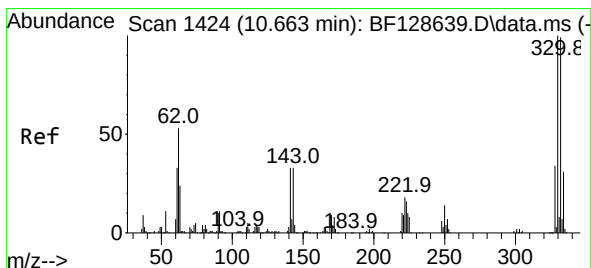
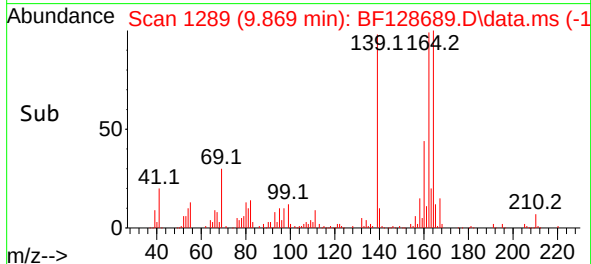
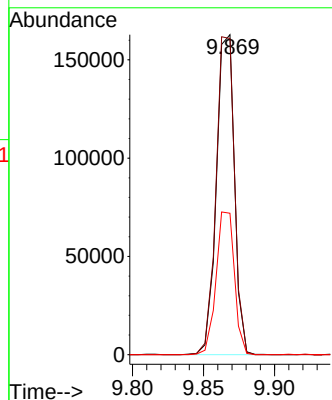
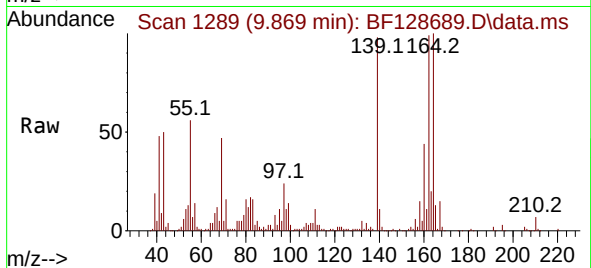
Tgt Ion:164 Resp: 143750

Ion Ratio Lower Upper

164 100

162 98.8 79.5 119.3

160 44.2 34.2 51.4



#42

2,4,6-Tribromophenol

Concen: 14.509 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.000 min

Lab File: BF128689.D

Acq: 03 Jun 2022 20:09

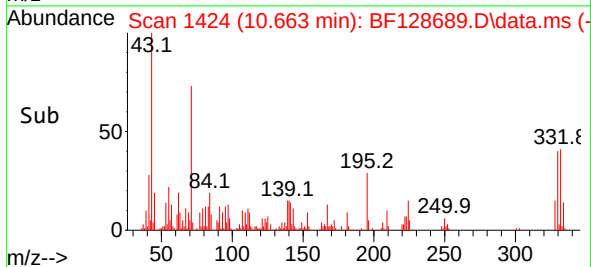
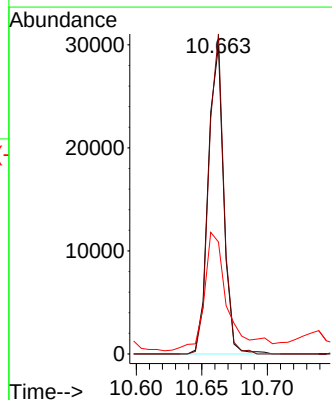
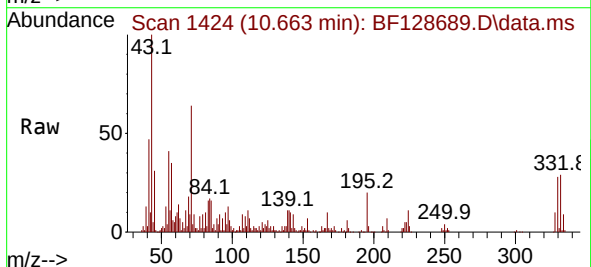
Tgt Ion:330 Resp: 24644

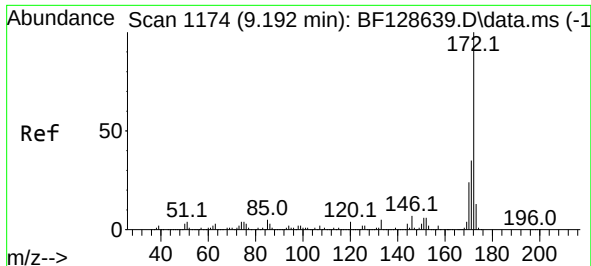
Ion Ratio Lower Upper

330 100

332 100.3 76.8 115.2

141 59.0 28.0 42.0#





#45

2-Fluorobiphenyl

Concen: 18.825 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF128689.D

Acq: 03 Jun 2022 20:09

Instrument :

BNA_F

ClientSampleId :

WATER-DRUMRE

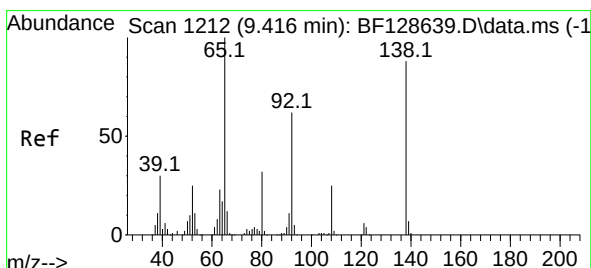
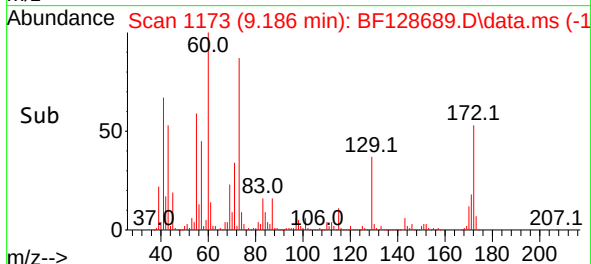
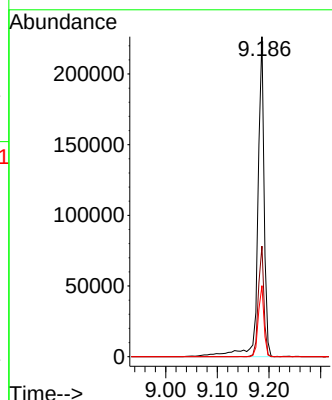
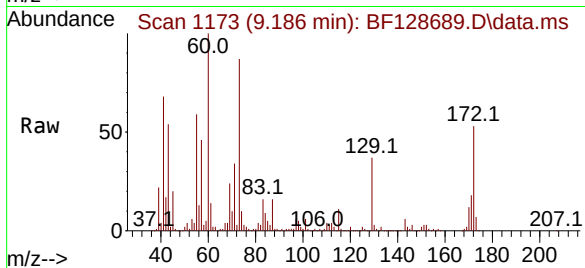
Tgt Ion:172 Resp: 193180

Ion Ratio Lower Upper

172 100

171 34.5 28.8 43.2

170 22.2 19.8 29.8



#48

2-Nitroaniline

Concen: 4.880 ng

RT: 9.392 min Scan# 1208

Delta R.T. -0.024 min

Lab File: BF128689.D

Acq: 03 Jun 2022 20:09

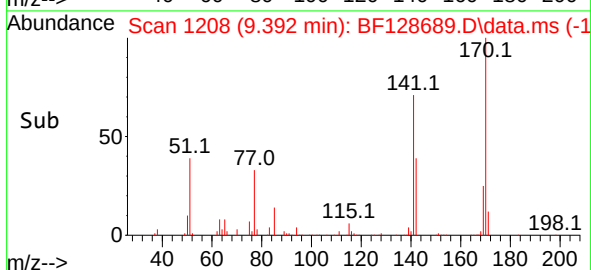
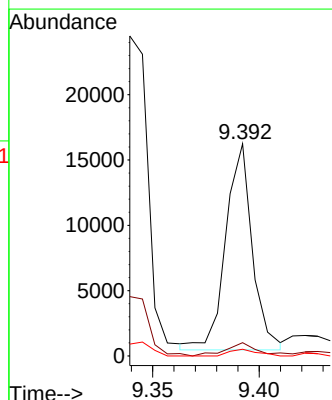
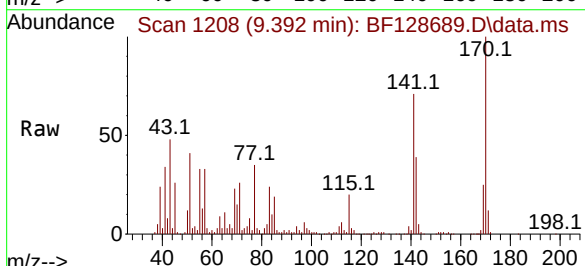
Tgt Ion: 65 Resp: 13735

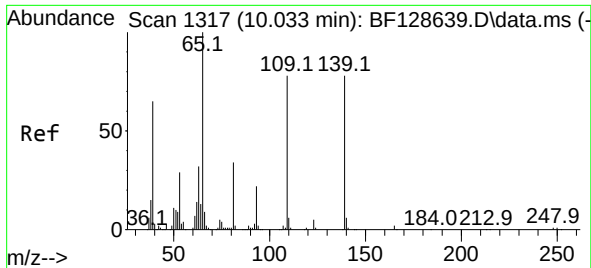
Ion Ratio Lower Upper

65 100

92 6.3 51.9 77.9#

138 3.2 76.4 114.6#

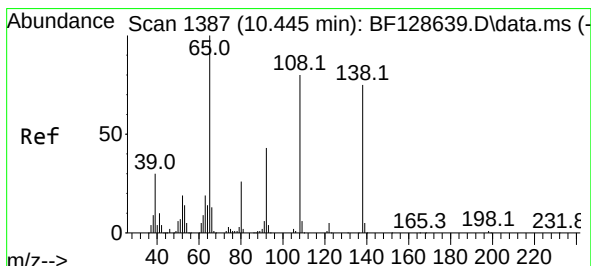
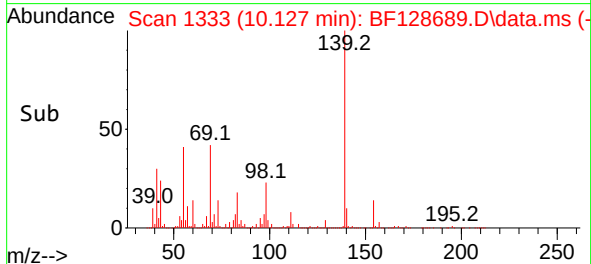
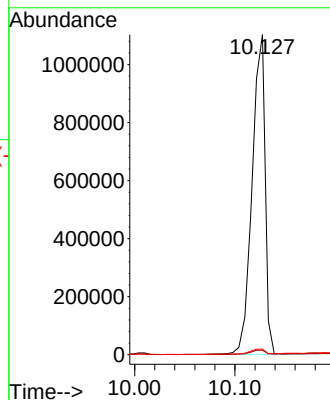
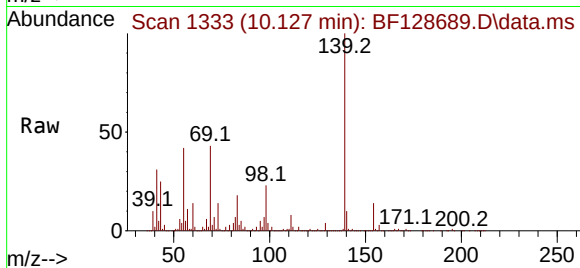




#56
4-Nitrophenol
Concen: 649.926 ng
RT: 10.127 min Scan# 1333
Delta R.T. 0.094 min
Lab File: BF128689.D
Acq: 03 Jun 2022 20:09

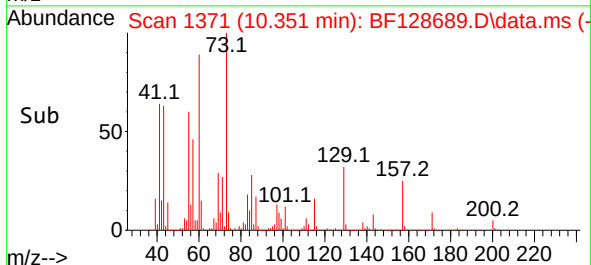
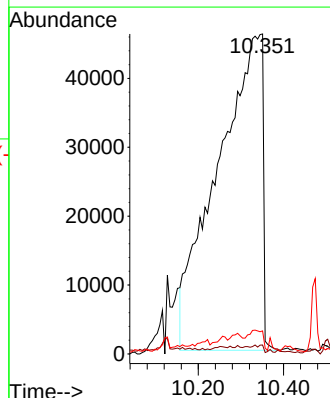
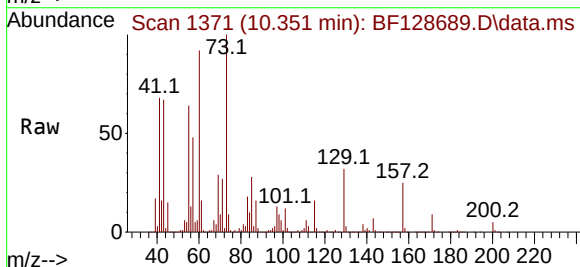
Instrument :
BNA_F
ClientSampleId :
WATER-DRUMRE

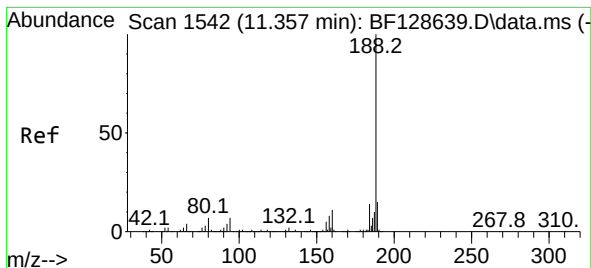
Tgt Ion:139 Resp: 992965
Ion Ratio Lower Upper
139 100
109 1.4 50.7 90.7#
65 1.8 74.5 114.5#



#62
4-Nitroaniline
Concen: 158.523 ng
RT: 10.351 min Scan# 1371
Delta R.T. -0.094 min
Lab File: BF128689.D
Acq: 03 Jun 2022 20:09

Tgt Ion:138 Resp: 338293
Ion Ratio Lower Upper
138 100
92 2.8 33.5 73.5#
108 7.2 61.0 101.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF128689.D

Acq: 03 Jun 2022 20:09

Instrument :

BNA_F

ClientSampleId :

WATER-DRUMRE

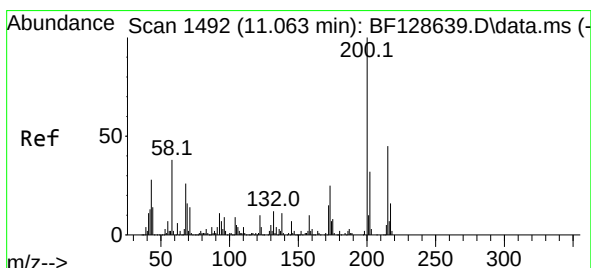
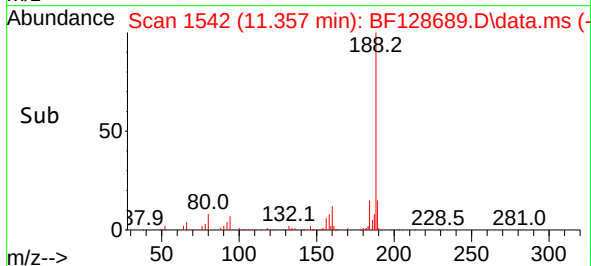
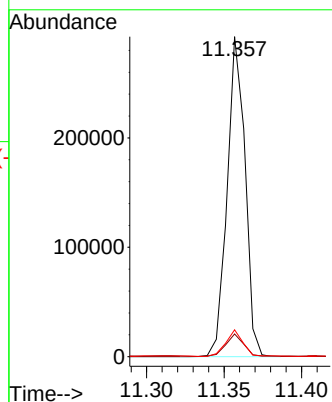
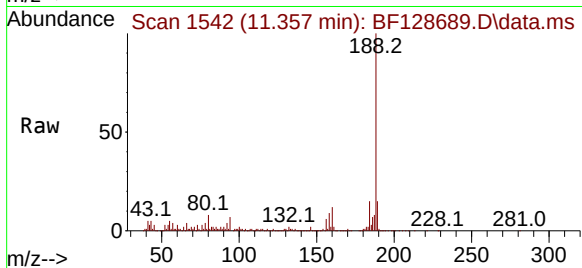
Tgt Ion:188 Resp: 235025

Ion Ratio Lower Upper

188 100

94 7.1 7.0 10.6

80 8.4 7.6 11.4



#69

Atrazine

Concen: 9.351 ng

RT: 11.133 min Scan# 1504

Delta R.T. 0.071 min

Lab File: BF128689.D

Acq: 03 Jun 2022 20:09

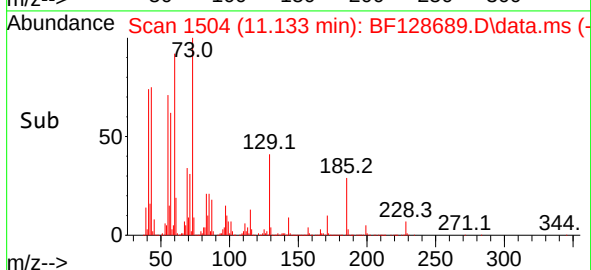
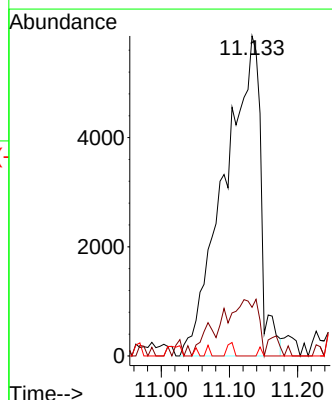
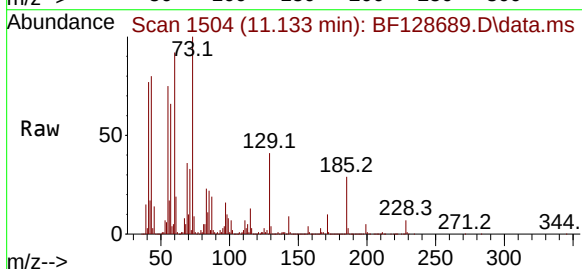
Tgt Ion:200 Resp: 21723

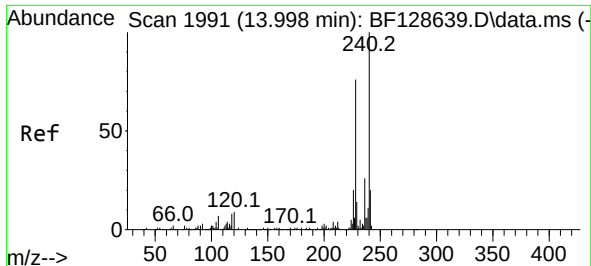
Ion Ratio Lower Upper

200 100

173 15.2 6.3 46.3

215 0.0 28.3 68.3#

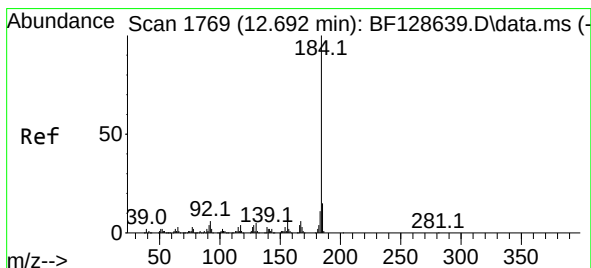
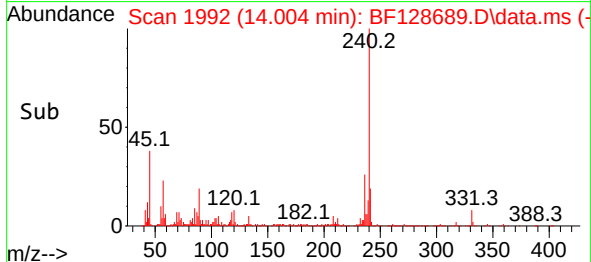
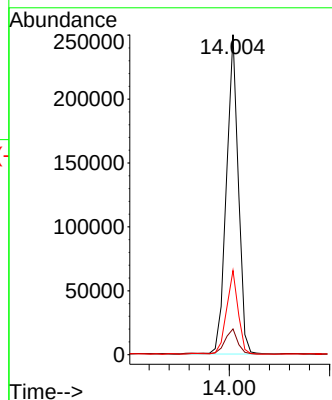
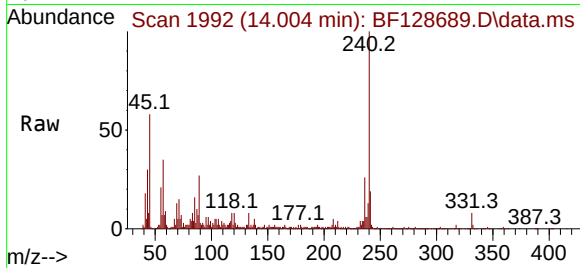




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 1992
Delta R.T. 0.006 min
Lab File: BF128689.D
Acq: 03 Jun 2022 20:09

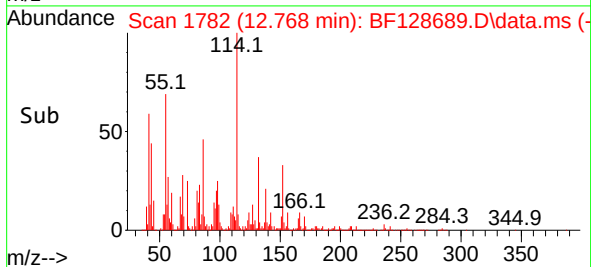
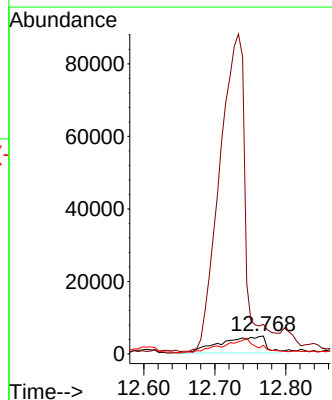
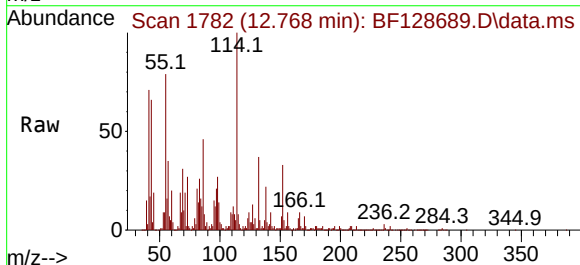
Instrument :
BNA_F
ClientSampleId :
WATER-DRUMRE

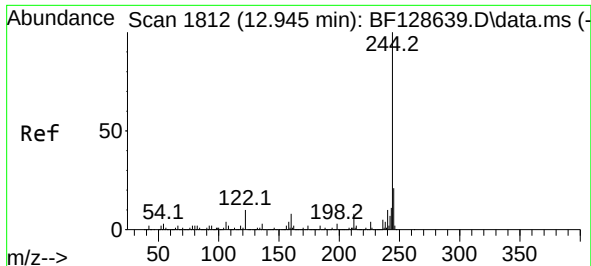
Tgt Ion:240 Resp: 205709
Ion Ratio Lower Upper
240 100
120 8.0 8.9 13.3#
236 26.3 20.8 31.2



#77
Benzidine
Concen: 4.914 ng
RT: 12.768 min Scan# 1782
Delta R.T. 0.076 min
Lab File: BF128689.D
Acq: 03 Jun 2022 20:09

Tgt Ion:184 Resp: 20152
Ion Ratio Lower Upper
184 100
185 165.3 11.9 17.9#
183 48.5 9.3 13.9#

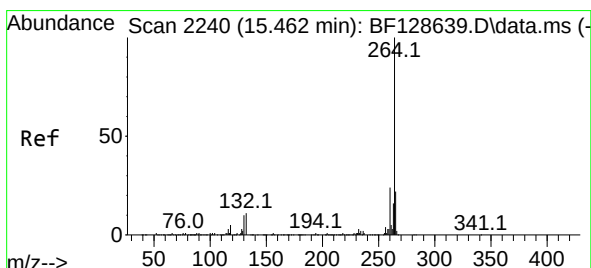
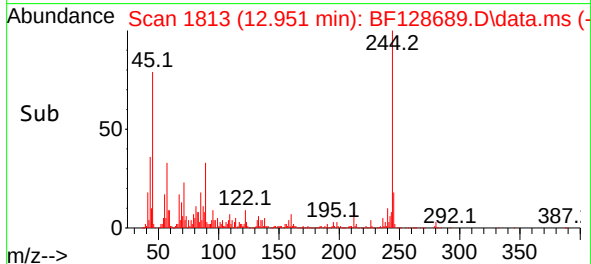
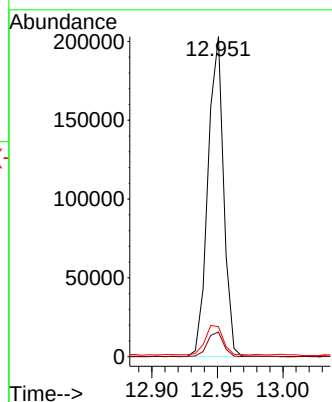
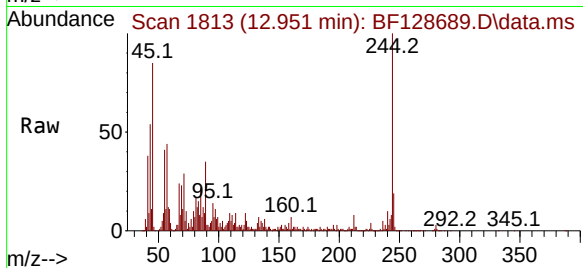




#79
 Terphenyl-d14
 Concen: 14.290 ng
 RT: 12.951 min Scan# 1813
 Delta R.T. 0.006 min
 Lab File: BF128689.D
 Acq: 03 Jun 2022 20:09

Instrument :
 BNA_F
 ClientSampleId :
 WATER-DRUMRE

Tgt Ion:244 Resp: 169175
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 9.4 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2241
 Delta R.T. 0.006 min
 Lab File: BF128689.D
 Acq: 03 Jun 2022 20:09

Tgt Ion:264 Resp: 158028
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.4 27.6
 265 20.9 17.2 25.8

